

[54] FLAT ELECTROLUMINESCENT SCREEN

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[57] ABSTRACT

A flat electroluminescent screen comprising a transparent substrate on which are successively deposited a first group of parallel electrodes, said electrodes being transparent, a layer constituted by an electroluminescent material inserted between two dielectric layers and a second group of parallel electrodes, the two groups of electrodes intersecting and defining in the electroluminescent layer a plurality of optical emitters arranged in matrix form, said flat screen also comprising a control circuit for the first electrodes, a control circuit for the second electrodes and a protective counter-plate sealed on said substrate by a sealing band. On its inner face, the counter-plate carries at least one counter-electrode and means are provided so that each counter-electrode is electrically connected to the two ends of an electrode of the substrate.

9 Claims, 6 Drawing Sheets

